



INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 10873.1857USWO	Application Number: 10/565,974
			Applicant: OTSU et al.	
			Filing Date: January 26, 2006	Group Art Unit: unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SB</i>	US 6,194,187	February 2001	Miyazono et al.			
	US 2003/0100049	May 2003	Guo et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>SS</i>	WO 02/38179	May 2005	WIPO			Abstract
	JP 10-000093	January 1998	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>SS</i>		PATTEN, R. et al., "Ventricular remodeling and its prevention in the treatment of heart failure", <i>Current Opinion in Cardiology</i> , Vol. 13, pp. 162-167 (1998)				
<i>→</i>		OLIVETTI, G. et al., "Acute Myocardial Infarction in Humans is Associated with Activation of Programmed Myocyte Cell Death in the Surviving Portion of the Heart", <i>J Mol Cell Cardiol</i> , Vol. 28, pp. 2005-2016 (1996)				
<i>→</i>		CHENG, W. et al., "Programmed Myocyte Cell Death Affects the Viable Myocardium after Infarction in Rats", <i>Experimental Cell Research</i> , Vol. 226, pp. 316-327 (1996)				
		HIROTA, H. et al., "Loss of a gp130 Cardiac Muscle Cell Survival Pathway Is a Critical Event in the Onset of Heart Failure during Biomechanical Stress", <i>Cell</i> , Vol. 97, pp. 189-198 (1999)				
		ICHijo, H., et al., "Induction of Apoptosis by ASK1, a Mammalian MAPKKK THAT Activates SAPK/JNK and p38 Signaling Pathways", <i>Science</i> , Vol. 275, pp. 90-94 (1997)				
<i>→</i>		SATOH, M., et al., "Mammalian thioredoxin is a direct inhibitor of apoptosis signal-regulating kinase (ASK) 1", <i>The EMBO Journal</i> , Vol. 17, No. 9, pp. 2596-2606 (1998)				
<i>→</i>		TOBIUME, K., et al., "ASK1 is required for sustained activations of JNK/p38 MAP kinases and apoptosis", <i>EMBO Reports</i> , Vol. 2, No. 3, pp.222-228 (2001)				
		NAKAYAMA, H., et al., "Cardiac-specific overexpression of a high Ca <sup>2+</sup> affinity mutant of SERCA2a attenuates in vivo pressure overload cardiac hypertrophy", <i>The FASEB Journal</i> , pp.02-474(je. (2002)				
<i>↓</i>		DATE, M., et al., "The Antioxidant N-2-Mercaptopropionyl Glycine Attenuates Left Ventricular Hypertrophy in In Vivo Murine Pressure-Overload Model", <i>Journal of American College of Cardiology</i> , Vol. 28, No. 5, pp.907-912 (2002)				

52835

PATENT TRADEMARK OFFICE

SHERIDAN SWOPE, PH.D.  
PRIMARY EXAMINER

DATE CONSIDERED

SEP 07 2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>		Docket Number: 10873.1857USWO	Application Number: 10/565,974
		Applicant: OTSU et al.	
		Filing Date: January 26, 2006	Group Art Unit: unknown

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		OTSU, K., et al., "Disruption of a single copy of the p38 $\alpha$ MAP kinase gene leads to cardioprotection against ischemia-reperfusion", <i>Biochemical and Biophysical Research Communications</i> , pp.56-60 (2003)	
	→	HIROTANI, S., et al., "Involvement of Nuclear Factor- $\kappa$ B and Apoptosis Signal-Regulating Kinase 1 in G-Protein-Coupled Receptor Agonist-Induced Cardiomyocyte Hypertrophy", <i>Circulation</i> , pp.509-515 (2002)	
	→	YAMAGUCHI, O., et al., "Targeted Deletion of apoptosis signal-regulating kinase 1 attenuates left ventricular remodeling", <i>The National Academy of Sciences</i> , Vol. 100, No. 26, pp. 15883-15888 (2003)	
	→	HIGUCHI, Y., et al., "The Small GTP-binding Protein Rac1 Induces Cardiac Myocyte Hypertrophy through the Activation of Apoptosis Signal-regulating Kinase 1 and Nuclear Factor- $\kappa$ B*", <i>The Journal of Biological Chemistry</i> , Vol. 278, No. 23, pp. 20770-20777 (2003)	
		FORCE, T., et al., "Apoptosis Signal-Regulating Kinase/Nuclear Factor- $\kappa$ B - A Novel Signaling Pathway Regulates Cardiomyocyte Hypertrophy", <i>Circulation</i> , pp.402-404 (2002)	
	→	HE, X., et al., "ASK1 Associated with Troponin T and Induces Troponin T Phosphorylation and Contractile Dysfunction in Cardiomyocytes", <i>American Journal of Pathology</i> , Vol. 163, No. 1, pp.243-251 (2003)	
		ISHIKAWA, Uehara Memorial Life Science Foundation Research Report Collection, Vol. 17, pp. 419-421, with Partial Translation (2003)	869/1507
		AIKAWA, R., <i>Progress of Medicine</i> , Vol. 193, pp.128-129, with Partial Translation (2000)	11

SHERIDAN SWOPE, PH.D.

EXAMINER	PRIMARY EXAMINER	DATE CONSIDERED	SEP 07 2007
----------	------------------	-----------------	-------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.